



MSD

October 25, 1999

Mr. Femi Akindele
Residual Project Department
Kentucky/Tennessee Section
U.S. Environmental Protection Agency
Region IV
61 Forsyth Street
Atlanta GA 30303

Re: **Report of Field Observation – FY00 – First Quarter (FY00-1Q)
Lees Lane Superfund Site, Jefferson County, Kentucky,
Administrative Order on Consent. USEPA Docket No-91-32-C**

Dear Ms. Montalvo:

In accordance with paragraph 11, under the heading Reporting Requirements, of the subject Consent Order and Attachment 1, Operation and Maintenance Plan For Post-Removal Site Control at the Lees Lane Landfill Site. I am enclosing one (1) copy of the Report of Field Observation (Appendix J), identified as Observation Report No. FY 00-1Q, for your information and files.

Please advise if you have any questions concerning the attached Report of Field Observation for FY00-1Q.

Sincerely,


Richard H. Watkins

Support Service Mgr.

cc: Kentucky Natural Resource Environment Protection Cabinet
Mr. Rick Hogan Division of Waste Management
Kentucky Natural Resource Environment Protection Cabiner
Mr. Jeff Pratt, Division of Waste Management
G. R. Garner, Executive Director
File WD-2 (Lees Lane M&M Quarterly)



10847351

**REPORT OF FIELD OBSERVATION
LEE'S LANE LANDFILL SITE, LOUISVILLE, KENTUCKY**

Observation Report No.: FY00-1stQ

Date of Observation: 09/28/99

Instruction: If any item is checked yes, provide details of the problem and maintenance recommendations below and indicate the location of deficiency on the site map provided.

Comment No.:

Comment

- | | |
|-----|--|
| A-4 | Rutting was observed on the gravel road leading to gas collection Well No. 5. |
| B-2 | Condition of the Putnam Avenue barricade remains unchanged from previous quarterly institutional inspections. Intrusions into the landfill site and flood protection levee areas by ATVs from the woods adjacent to the Putnam Avenue barricade has been reduced, but is still evident. The landfill site and flood protection levee continues to receive surveillance by the Jefferson County Police. Vegetation along the access road to the Putnam Avenue barricade has been cut. |
| C-1 | Observed no evidence of small arms fire damage to the Blower House from previous quarterly institutional inspection. |

Comment No.

Corrective Action Performed

- | | |
|-----|--|
| A-4 | Schedule gravelling of the access road leading to Well No. 5 to fill rutted areas by the end FY00-2Q. |
| B-2 | Continue to observe condition of the Putnam Avenue barricade during future quarterly institutional inspections. Consider installing "No Trespass - Hazardous Materials - Keep Out" signs at strategic locations along the access roads and Mill Creek cut-off channel areas in an effort to discourage ATV intrusions and trespass into the landfill and levee area sites. |
| C-1 | No corrective action required at this time. |

<u>Comment No.:</u>	<u>Comment</u>
C-2	No evidence of small arms fire damage to the warning signs or other exposed fixtures on the Blower House.
C-7	Observed that previously damaged and tilted well and moisture trap concrete collars that had been replaced with new concrete collars for moisture traps 2, 4, 8, 11, 12, 14, and 16, and Wells Nos. 13, 15, and 17 has not changed.
C-8	Observed covers missing for moisture traps 25, 26, and 27.
D-2	Observed two guard rails that had been damaged and will require reconnection by welding.
D-4	Observed that the tilted condition of the concrete pad for Gas Monitoring Well No. G-2 remains in the same position as noted in previous institutional inspections.
D-6	Observed some vegetation growth around two of the gas monitoring well enclosures.

<u>Comment No.</u>	<u>Corrective Action Performed</u>
C-2	No corrective action required at this time.
C-7	No further corrective action required at this time.
C-8	Obtain replacement covers and install on moisture traps prior to end of FY00-2Q.
D-2	Reweld or replace damaged guardrails on gas monitoring wells prior to the end of FY00-1Q.
D-4	Continue to monitor the condition of the concrete pad for Gas Monitoring Well No. G-2. Schedule resetting or replacement of concrete pad prior to end of FY00-3Q.
D-6	Vegetation growth around two of the gas monitoring well enclosures should be trimmed before the end of FY00-1Q.

Comment No.:**Comment**

- D-8 Monitoring wells tubing, fittings, and valves were not directly observed but no external damage or disturbance to enclosures was evident.
- E-7 Observed vegetative growth on portions of the riprap levee and riprap drainage channel slopes.
- E-8 Observed small amount of trash and debris build-up on the riprap area from prior observations. Trespassers continue to utilize the debris as fuel for small bonfires, thereby eliminating the necessity to remove the debris from the riprap area.
- E-12 Observed that markers for Benchmark Nos. 3 and 4 have been reset back into position.
- F-5 There was no evidence of ponding water, although there are several ruts left by ATVs.

Comment No.**Corrective Action Performed**

- D-8 Monitoring well tubing, fittings, and valves were not directly observed but no external damage or disturbance to enclosures was evident.
- E-7 Spraying of the riprap drainage channels and riprap cap area should be scheduled prior to the end of FY00-2Q.
- E-8 No further action required at this time.
- E-12 No further action required at this time.
- F-5 No further action required at this time. Condition of ruts left by ATVs and other vehicles should be monitored at future quarterly institutional inspections and backfilled as necessary.

1Q-00

REPORT OF FIELD OBSERVATION
LEE'S LANE LANDFILL SITE, LOUISVILLE, KENTUCKY

Observation Report No: FY-00-10 Date of Observation: 9 / 28 / 99

Time Arrived Onsite: 9:00 AM Time Departed Site: 11:30 AM

Field Personnel: Richard H. Watkins, Support Services Manager, Kevin Bright
Maintenance Supervisor, Maintenance Division, Carl Neumayer, Director of Operations
Robert Pugh, Kentucky National Resource Environment Protection Cabinet

Section A: General Site Conditions

Observation:	Yes*	No	Not Observed	Comment No.
1. Major settlement of topsoil or erosion exposing waste/fill material	—	X	—	—
2. Evidence of leachate seepage	—	X	—	—
3. Distressed Vegetation	—	X	—	—
4. Pot holes, erosion of access road	X	—	—	A-4

Section B: Institutional Controls

Observation:	Yes*	No	Not Observed	Comment No.
1. Structural problem with Lee's Lane gate or barricade	—	X	—	—
2. Structural problem with Putman Ave. barricade	—	X	—	B-2
3. Lee's Lane gate unlocked	—	X	—	—
4. Broken or missing lock	—	X	—	—

Section C: Gas Collection System

Observation:	Yes*	No	Not Observed	Comment No.
1. Vandalism to blower house, wells, or moisture traps	—	X	—	C-1
2. Structural damage to blower house	—	X	—	C-2
3. Blower not operating or visible damage	—	X	—	—
4. Blower house not secure and unclean	—	X	—	—

Observation:	Yes*	No	Not Observed	Comment No.
5. Service box lids not in place	—	—	<u>x</u>	—
6. Alarm and blower controls not functioning	—	—	<u>x</u>	—
7. Settlement or tilting of well/moisture trap concrete collars	—	—	<u>x</u>	<u>C-7</u>
8. Well/moisture trap covers missing or damaged	<u>x</u>	—	—	<u>C-8</u>
9. Excessive vegetation covering wells/moisture traps	—	—	<u>x</u>	—
10. Adjustment valve inaccessible	—	—	<u>x</u>	—
11. Well/moisture trap caps, plugs, and piping missing or damaged	—	—	<u>x</u>	—
12. Blower house and well/moisture trap signs missing or damaged	—	—	<u>x</u>	—

Section D: Groundwater & Gas Monitor Wells

Observation:	Yes*	No	Not Observed	Comment No.
1. Wells unlocked	—	<u>x</u>	—	—
2. Guard posts and rails missing or damaged	<u>x</u>	—	—	<u>D-2</u>
3. Protective casing missing, damaged or rusted	—	<u>x</u>	—	—
4. Concrete pads damaged or cracked	<u>x</u>	—	—	<u>D-4</u>
5. Possible surface water infiltration into wells	—	<u>x</u>	—	—
6. Excessive vegetation or debris around wells	<u>x</u>	—	—	<u>D-6</u>
7. Well cap missing or damaged	—	<u>x</u>	—	—
8. Tubing, fittings, and valves missing or damaged (gas wells only)	<u>x</u>	—	—	<u>D-8</u>

Section E: Bank Protection Controls

Observation:	<u>Yes*</u>	<u>No</u>	<u>Not Observed</u>	<u>Comment No.</u>
1. Subsidence of slope, sloughing or caving	—	<u>x</u>	—	—
2. Erosion of rip-rap or underlying material	—	<u>x</u>	—	—
3. Abnormally damp areas, wet ground vegetation	—	<u>x</u>	—	—
4. Soft spots in surface	—	<u>x</u>	—	—
5. Seepage, water flow, piping, or sand boils	—	<u>x</u>	—	—
6. Undermining of rip-rap	—	<u>x</u>	—	—
7. Vegetative growth on rip-rap slope	<u>x</u>	—	—	<u>E-7</u>
8. Buildup of trash and debris on rip-rap	—	<u>x</u>	—	—
9. Exposed trash or filter fabric	—	<u>x</u>	—	—
10. Tilting trees	—	<u>x</u>	—	—
11. Tension cracks	—	<u>x</u>	—	—
12. Survey monuments missing or damaged	<u>x</u>	—	—	<u>E-12</u>

Section F: Surface Waste Cleanup/Cover

Observation:	<u>Yes*</u>	<u>No</u>	<u>Not Observed</u>	<u>Comment No.</u>
1. Swales greater than 1 foot wide and 2 inches deep	—	<u>x</u>	—	—
2. Cracks greater than 1 inch wide and 6 inches deep	—	<u>x</u>	—	—
3. Areas of erosional damage to grass	—	<u>x</u>	—	—
4. Inadequate grass cover (area > 36 ft ²)	—	<u>x</u>	—	—
5. Ponded water (area larger than 2 feet in diameter and 3 inches deep)	—	<u>x</u>	—	<u>F-5</u>
6. Erosion or ponded water greater than 12 inches deep (requires immediate repair)	—	<u>x</u>	—	—

* If yes, assign a comment no. in the last column and follow instructions on comment sheet.

REPORT OF FIELD OBSERVATION
LEE'S LANE LANDFILL SITE, LOUISVILLE, KENTUCKY

Observation Report No. FY-00-10 Date of Observation 9/28/99

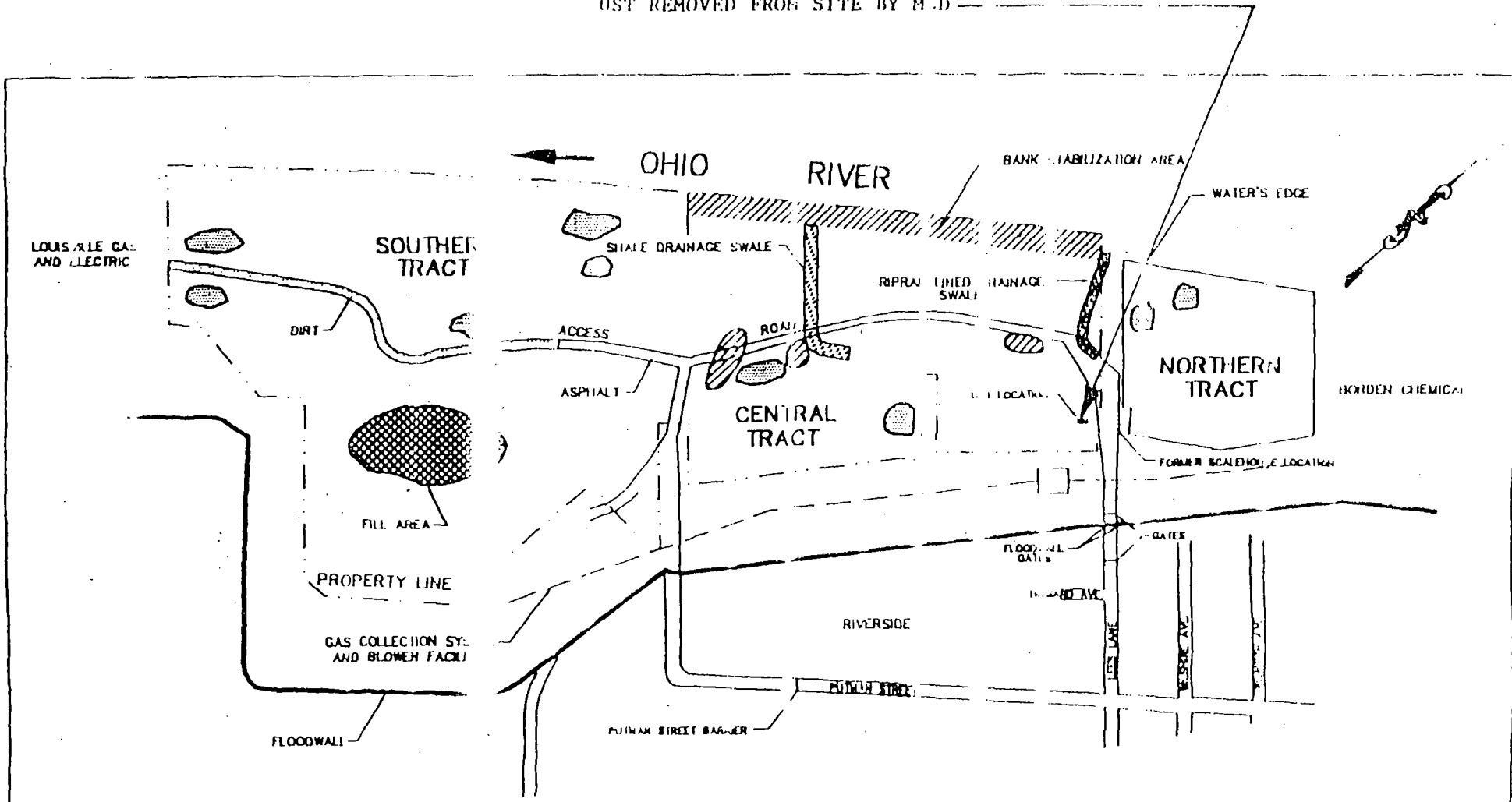
Site Map

See Feature Map, Attached

Signature of Observer:  Date: 10/25/99

UST REMOVED FROM SITE BY MCD

FILE NO. C:\LEESL2-1.DWG
PLT. SG.



DRAWING NOT TO SCALE
SOURCE: RESOURCES APPLICATIONS, INC.

ARCS / LEE'S LANE L
LOUISVILLE, KENTU

FEATURE MA

FIGURE 2-1

LEGEND

- APPROXIMATE AREA OF DRUM REBURIAL DURING CERCLA REMOVAL
- AREA OF SUBSIDENCE

ROY F. WESTON, INC.



DRAWN	DATE	DES. ENG.	DATE	V. D. NO.
WRG	9/97			04400-083
CHECKED	DATE	APPROVED	DATE	DWG. NO.
				LEESL2-1